

FORM PTO-1449	SERIAL NO. 10/552,176	CASE NO. 5404/118
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE October 5, 2005	GROUP ART UNIT Not Assigned
(use several sheets if necessary)		APPLICANT(S): Akira Takaki et al.

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
M.B.	C1	International Preliminary Report on Patentability (Chapter I of the Patent Cooperation Treaty) from Corresponding International Application No. PCT/JP2004/004476, dated March 9, 2006, 5 pages.

EXAMINER	<i>M. Berry</i>	DATE CONSIDERED	<i>09/17/07</i>
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10/530902

PTO/SB/08a (08-03)

Approved through 07/31/2008. OMB 0851-0031

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

JC13 Rev. 11 APR 2005

Application Number	(Natl. Phase of PCT/JP2003/013278)
Filing Date	(Herewith)
First Named Inventor	Kota KITAMURA
Art Unit	(Unassigned)
Examiner Name	(Unassigned)

Sheet 1 of 2

Attorney Docket Number 12477/8

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
MB	1	US-6,194,474	02/27/01	KERRES et al.	= WO 99/54389
	2	US-5,438,082	08/01/95	HELMER-METZMANN et al.	= JP 06-093114 A
	3	US-6,870,424	12/30/03	MICHOT et al.	= WO 99/38897
	4	US-2002/0091225 A1	07/11/02	McGRATH et al.	
	5	US-4,703,103	10/27/87	WOLFE et al.	
	6	US-4,533,892	08/06/85	WOLFE et al.	
	7	US-4,533,724	08/06/85	WOLFE et al.	
	8	US-4,533,893	08/06/85	WOLFE et al.	
	9	US-4,539,567	09/03/85	BREWER	
MB	10	US-4,578,432	03/25/86	TSAL et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
MB	1	WO 99/54389	10/28/99	UNIVERSITÄT STUTTGART		
	2	JP 06-093114	04/05/94	HOECHST AG		
	3	WO 99/61141	12/02/99	MINNESOTA MINING AND MFG CO.		
	4	WO 99/38897	08/05/99	HYDRO- QUEBEC		
	5	JP 02-248434	10/04/90	ASAHI GLASS CO LTD		
	6	JP 02-245035	09/28/90	ASAHI GLASS CO LTD		
	7	JP 05-001149	01/08/93	NIPPON STEEL CORP		
	8	JP 05-004031	01/14/93	NIPPON STEEL CORP		
	9	WO 00/22684	04/20/00	FOSTER- MILLER, INC.		
	10	JP 2002-203576	07/19/02	TOYOTA CENTRAL RES & DEV LAB INC		
	11	JP 2001-514431	11/09/01			
	12	WO 99/10165	03/04/99	FOSTER- MILLER, INC.		
	13	JP 50-124881	10/01/75	MATSUSHITA ELECTRIC IND CO, LTD		
	14	WO 02/25764	03/28/02	VIRGINIA TECH IP, INC.		
	15	JP 2003-217342	07/31/03	TOYOCO CO LTD		
MB	16	JP 2003-217343	07/31/03	TOYOCO CO LTD		

Examiner  
Signature

M. Bernick

Date  
Considered

09/07/07

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. #496699

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

## **Complete if Known**

Application Number	(PCT/JP03/13278))
Filing Date	(Herewith)
First Named Inventor	Kota KITAMURA
Art Unit	(Unassigned)
Examiner Name	(Unassigned)
Attorney Docket Number	12477/8

Sheet 2 of 2

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MB	1	F. Lufrano et al.: "Sulfonated Polysulfone as Promising Membranes for Polymer Electrolyte Fuel Cells", Journal of Applied Polymer Science, John Wiley & Sons, Inc. Vol. 77 2000	
MB		pp. 1250-1256	
MB	2	Mitsuru Ueda, et al.: "Synthesis and Characterization of Aromatic Poly(ether Sulfone)s Containing Pendant Sodium Sulfonate Groups, Journal of Polymer Science Part A:	
MB		Polymer Chemistry March 1993, Vol. 31, No. 4, pp. 853-858	

Examiner Signature

*M. Beranek*

Date Considered

09/17/07

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